



Research Grant Program

Request for Applications: Research Proposals that Advance the Science and Practice of Neuroscience Rehabilitation Nursing

Grant applications are required to be submitted electronically in one PDF document.

Due date: June 1, 2023

Please visit ARN Website: [ARN Grant Opportunities](#)



Advance the Science and Practice of Neuroscience Rehabilitation Nursing

The Association of Rehabilitation Nurses (ARN) Advancing Science and Practice Committee and the Agnes Marshall Walker Foundation (AMWF) requests applications for grant support for research studies that aim to advance the science and practice of neuroscience rehabilitation nursing. This call is funded by the Agnes Marshall Walker Foundation (AMWF) and the Research Nurse Foundation of the Association of Rehabilitation Nurses. Proposals should address clinical practice, education, certification, or administrative dimensions of neuroscience and/or rehabilitation nursing. Proposed research should have the potential to generate findings that will lead to further extramural funding and contribute to the larger body of neuroscience nursing, rehabilitation nursing, and healthcare knowledge. Preference will be given to research studies however funds may provide support for quality improvement projects, program evaluation, or other performance improvement projects.

General Requirements:

- The principal investigator or project lead must be either a current American Association of Neuroscience Nurses (AANN) or an ARN member.
- The principal investigator (PI) must be a registered nurse.
- Proposals will be reviewed and approved by select members of the ARN Advancing Science and Practice Committee, the Agnes Marshall Walker Foundation, and a peer review group.
- Funded applicants will be expected to disseminate findings through: Submission of a publishable manuscript presenting the findings to the ARN journal, Rehabilitation Nursing, or the AANN journal, Journal of Neuroscience Nursing, within 2 years of the completed research AND; Presentation of a paper or poster at an ARN Rehabilitation Nursing Conference and/or AANN Annual Conference within 1 year of the completed study.
- Proposals must adhere to the attached "Guidelines for Proposals".

Research Funding:

The AMWF and ARN's Advancing Science and Practice Committee provides the following information for the Research Grant:

- Each grant allocation will be determined by the amount of funds requested and must be clearly delineated on the grant application form. Funds are available up to \$10,000 depending on the budget for the proposal and competing research grants.
- Funding will be distributed on September 1, 2023, and funded projects must be completed before August 31, 2025.
- Funding cannot be obtained from AMWF and ARN's Advancing Science and Practice Committee for a research project that is already 100% funded from another source. However, a request can be made to AMWF and ARN's Advancing Science and Practice Committee for funding to expand or enhance a currently funded research project.

Use of Funds:



- Pending IRB approval, the recipient will receive 75% of funding on September 1, 2023. The remaining 25% will be distributed pending the approval of the 12 month progress report.
- Funds may be awarded for support during any phase of a study.
- Up to \$500.00 of the funds may be designated for travel/hotel to the AANN or ARN Annual Conference for presenting the research results.
- Funds will not be awarded to develop a research proposal.
- Funds may not be used for salaries.
- Funds may not be used to purchase computers.
- Funds may not be used to pay for indirect costs.

Questions

Nurse researchers who have specific questions or concerns not addressed in this packet should contact the ARN office.

Rehabilitation Nursing Foundation
8735 W. Higgins Rd., Suite 300
Chicago, IL 60631
800.229.7530 or 847.375.6356
E-mail: info@rehabnurse.org



Introduction

ARN Mission Statement

ARN's mission is to promote and advance professional rehabilitation nursing practice through professional development, advocacy, collaboration, and research to enhance the quality of life for those affected by disability and chronic illness.

ARN's Advancing Science and Practice Committee

The ARN Advancing Science and Practice Committee was established in 2017 to promote and support (a) the conduct of research and program evaluation studies that exhibit methodological rigor and are important to rehabilitation nursing; (b) the dissemination and translation of research and program evaluation findings into practice, education, and policy; (c) continuous quality improvement projects that impact the specialty and practice of rehabilitation nursing; and (d) educational venues that focus on the development and translation of science, program evaluation, and quality improvement in varied populations and settings important to the rehabilitation nursing community.

In 2019, the ARN Advancing Science and Practice Committee completed the fourth revision of the [ARN Research Agenda](#). The Research Agenda comprises seven content areas and includes brief descriptions of the high-priority research issues for each area. Interventions mentioned in each content area were based on the most current and best evidence.

Agnes Marshall Walker Foundation Mission Statement

AMWF is dedicated to supporting neuroscience nursing through education, research, professional development, and certification to promote excellence in patient care

Rehabilitation and Rehabilitation Nursing

Rehabilitation is a philosophy of practice that addresses the care of people with disability and chronic health conditions. Rehabilitation can occur across the life span and is not limited to a specific setting. **Rehabilitation nursing** is a specialty practice area within the scope of professional nursing practice. This specialty includes the diagnosis and treatment of human responses of individuals and groups to actual or potential health problems that stem from altered functional ability and altered lifestyle.

Neuroscience Nursing

Neuroscience nursing, which specializes in the care of individuals across their lifespan who have biopsychosocial alterations due to nervous system dysfunction such as stroke, brain and spinal cord neoplasm and trauma, neurodegenerative disorders, and epilepsy, holds a unique area within the nursing discipline. The practice of neuroscience nursing encompasses multiple levels of care, including acute, subacute, rehabilitative, and chronic care in a variety of roles. These roles have an impact on care and are both direct and indirect in their action. Many factors positively influence the effect neuroscience nurses have on quality of



care and health outcomes. Such factors include nursing processes, philosophy of patient-focused care, education, and multidisciplinary collaboration.

Guidelines for Proposals

Focus

This Request for Application (RFA) is open to applicants whose proposed research study aims to (a) advance the science and practice of neuroscience rehabilitation nursing and (b) produce findings intended to serve as a basis for further extramural funding.

Eligible Applicants

The principal investigator (PI) receiving a grant must

1. Be a registered nurse who is active in neuroscience or rehabilitation nursing and, be a
2. Current member of the Association of Rehabilitation Nurses (ARN) or American Association of Neuroscience Nurses (AANN).

Responsibilities of the Principal Investigator

1. Completion of the project within 2 years of initial funding.
2. Submission of a progress report to the ARN Advancing Science and Practice Committee every 6 months until the research is completed. This information will be shared with the AMWF Board of Directors.
3. Submission of a publishable manuscript presenting the findings to the ARN journal, Rehabilitation Nursing, or the AANN journal, Journal of Neuroscience Nursing, within 2 years of the completed research.

4. Presentation of a paper or poster at an Association of Rehabilitation Nurses educational conference and/or AANN Annual Conference within 1 year of the completed study.
5. Acknowledgment in any publication, paper, or poster that the research was supported by the Rehabilitation Nurses Foundation and the Agnes Marshall Walker Foundation.

Required Information

Prepare the proposal according to the *Publication Manual of the American Psychological Association*. The proposal narrative is limited to 12 typed, double-spaced pages using 12-point Times New Roman font and 8½" x 11" paper with 1-in. margins.

Sections not counted against the 12-page narrative limit are references, project budget, and appendices.

The following Advancing Science and Practice Committee forms and materials are required to complete the submission process:

1. Proposal Checklist—this form verifies inclusion of all required materials
2. Proposal Summary Data Form—this form includes the title of the study and contact information for the PI and coinvestigators
3. Proposal Administrative Approval Form—this form indicates that the PI has received their employer's approval to conduct the proposed study (if applicable)
4. Proposal Abstract & Impact Statement Form—using this form, document both the abstract and impact statement. The abstract must be typed, double-spaced, and limited to 350 words. It should define the problem, state the purpose and significance of the study, describe the research methodology and plan for analysis. The Impact Statement must also be typed, double-spaced, and limited to 350 words.

This statement should explain in qualitative or quantitative detail the anticipated value and impact of your research study in its field.

5. Institutional Review Board (IRB) Approval Letter—the IRB or Protection of Human Subjects Committee approval letter may be pending at the time of submission, but written approval must be received by ARN before any funds will be awarded.
6. Letter of Support from Dissertation Committee chair (required from doctoral candidates).

Proposal Headings

The proposal must include and address the following National Institutes of Health (NIH) headings: [Write Your Research Plan | NIH: National Institute of Allergy and Infectious Diseases](#)

Significance

This section includes a description of the problem, the significance of this research to the practice of rehabilitation nursing, purpose statement and aims (hypotheses, if appropriate), a concise and critical review of current literature, and theoretical framework (if appropriate). It also should describe how the results of this study will lead to further extramural funding.

Innovation

This section provides a description of the study's potential for challenging or shifting the current research or clinical practice paradigms through the use of innovations such as novel theoretical concepts, approaches or methodologies, instrumentation, or interventions.

Approach

This section describes the overall strategy, methodology, and analyses appropriate for accomplishing the study aims or purpose. At a

minimum, it should include a discussion of the design, sample, setting, protection of human subjects, data collection, procedures, instrumentation, analysis, and potential limitations.

Environment

This section describes the scientific environment in which the study will be conducted and ways in which the surroundings contribute to success of the study. It should describe institutional support, equipment, and other physical resources available to the investigator. In addition, it should include written approval from the appropriate administrator of the institution or agency in which the PI is employed ([Administrative Approval Form](#)), if applicable.

Timeline

A precise timeline illustrating project tasks and objectives to be completed in less than 2 years is required.

Additional Sections (separate from proposal)

1. References

References address the bibliographic information of sources cited in the proposal.

2. Project Budget

A budget for the entire project must be submitted using the Budget Form. If funds are to be used for only a portion of the budget, identify the specific items for which you seek support. Identify remaining items to be funded from other sources and in-kind contributions. Clearly describe those sources of funding or support in addition to the amount you are seeking from each entity.

The budget must specify the direct costs associated with the research. Travel expenses



to the ARN Annual Educational conference and/or AANN Annual Conference for a presentation of the project may be included in the budget but limited to \$500. Indirect costs and travel expenses for other meeting presentations will not be funded by the ARN Advancing Science and Practice Committee. The purchase of a computer will not be funded. Include notation of contributed funds, personnel, or indirect allowances. The budget must represent sufficient funds to complete the project.

3. Appendices: Include the following appendices

- a) Appendix A: Measurement instruments
- b) Appendix B: IRB approval
- c) Appendix C: Participant consent forms
- d) Appendix D: NIH Biosketch Forms (PI, Co-I, key personnel)
- e) Appendix E: Describe the roles and responsibilities of the PI, coinvestigators, and key personnel- Include credentials for each.
- f) Appendix F: Letter of support from the chair of your Dissertation Committee (required if applicant is a research doctoral candidate)

Submission Requirements

1. Submit the entire packet electronically as a **single PDF file**.
2. Complete all proposal materials. Incomplete proposals will not be considered.
3. Address proposals to the ARN Advancing Science and Practice Committee and email to info@rehabnurse.org.
4. **Deadline: Proposals must be received by June 1, 2023.** Proposals received after this date will not be considered. An email confirmation will be sent within 48 hours of receiving your proposal. There are no exceptions to the deadline.

Evaluation Procedures

Proposals will be reviewed by select members of the ARN Advancing Science and Practice Committee and a peer review panel. Proposals will be rated according to the NIH criteria for proposal review.

Notification of Award

Grant recipient(s) will be notified by August 1, 2023. Pending IRB approval, the recipient will receive 75% of funding on September 1, 2023. The remaining 25% will be distributed pending the approval of the 12-month progress report.

Proposal Checklist

Principal Investigator _____

Title of Proposal _____

Enclosed Criteria for Research Proposals

- Proposal Checklist
- Proposal Summary Data Form
- Proposal Administrative Approval Form
- Proposal Abstract & Impact Statement Form
- Proposal

Should include: (12-pages)

- Significance
 - Innovation
 - Approach
 - Environment
 - Timeline
- Additional pages (not included in 12-page limitation)
 - References
 - Project Budget
- Appendices (include the following for Research Grants)
 - Measurement Instruments
 - Institutional Review Board Approval
 - Participant Consent Forms



- NIH Bio sketches
- Describe the role and responsibilities of PI, Co-Is and key personnel
- Letter of Support (if doctoral candidate, letter from Dissertation Committee Chair)

Email Proposals by June 1, 2023 (Noon Central time) to:

Association of Rehabilitation Nurses

Email: info@rehabnurse.org



Proposal Summary Data Form

Title of Proposal _____

Name and credentials of Principal Investigator _____

Amount of funding requested _____

If awarded, QI grant funds should be dispersed to:

Institution or Agency

Individual Project Coordinator

Federal Id # _____

Social Security # _____

Please check the box that indicates your preferred mailing address (home or place of employment).

Home Address _____

City _____ State _____ Zip Code _____

Home Telephone Number _____

Place of Employment _____

Address _____

City _____ State _____ Zip Code _____

Work Telephone Number _____

Preferred Email Address _____

Professional Title _____

Licensed registered nurse numbers and states _____

Institution where QI project will be conducted _____

Address _____

Name and title of administrative officer of the institution _____

Institution Telephone Number _____

Name and credentials of co-coordinator(s) *if applicable* _____



Proposal Institutional Review Board (IRB) Approval Letter

Dear Administrator:

The individual named below plans to submit a proposal to the Association of Rehabilitation Nurses (ARN) Advancing Science and Practice Committee and the Agnes Marshall Walker Foundation (AMWF) with the intent of securing a nursing research grant.

The ARN Board of Directors requests your signature as an administrator of the institution or agency in which the Principal Investigator is employed. Your signature indicates that the conduction of this project by your employee, if granted ARN funding, is approved by your institution or agency. Thank you for your time and your support of this worthwhile study. Please return this form to the Principal Investigator, who will enclose it with other application materials.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Gayle Irvin', written in dark ink.

Gayle Irvin, MPH CAE
ARN Executive Director

Name of Principal Investigator: _____

Title of Proposal: _____

Name of institution or agency at which the Principal Investigator is employed:

Signature of administrative office of the institution: _____

Title: _____ Date: _____



Proposal Abstract & Impact Statement Form

Proposal Abstract: In 350 words, define the problem, state the purpose and significance of the study, describe the research methodology and plan for analysis.



Impact Statement: In 350 words, explain in qualitative or quantitative detail the anticipated value and impact of your research study in its field.



Proposal Budget Form

List requested funds and justification for each. Include only direct costs. Indirect costs are not funded. Describe other sources of funding (i.e. organization and amount). Please refer to the current RFA for budgetary guidelines

Item	Requested Amount	Justification

Total Amount Requested: _____

Other Sources of Funding

In the space below list other received or requested funding amounts pertinent to this project (funding source and amount as well as in-kind contributions)



Biographical Sketch

Provide the following information for the Senior/key personnel and other significant contributors. Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME:

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE:

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	Completion Date MM/YYYY	FIELD OF STUDY

- A. **Personal Statement**
- B. **Positions and Honors**
- C. **Contributions to Science**
- D. **Additional Information: Research Support and/or Scholastic Performance**

Instructions: [G.240 - R&R Senior/Key Person Profile \(Expanded\) Form \(nih.gov\)](#)